CLAIMS

Please amend the claims as follows:

1. (canceled)
2. (canceled)

3. (previously presented) The apparatus of Claim 4, wherein said transducer comprises a wire coil.

4. (previously presented) An apparatus for intra-oral stimulation of the trigeminal nerve, said apparatus comprising:

a transducer that imparts energy to a tooth to stimulate the trigeminal nerve;

a time-varying signal source coupled to said transducer to provide a time-varying electrical signal to said transducer;

an attachment portion to secure said transducer in a mouth in proximity to the tooth; and

a timer that automatically discontinues provision of said electrical signal to said transducer following a selected interval of provision of said electrical signal.

5. (previously presented) The apparatus of Claim 4 , said attachment portion comprising:

a first leg to which said energy source is attached;

a second leg; and

a bridge portion spanning a width of the tooth to link said first leg and said second leg.

6. (original) The apparatus of Claim 5, wherein said bridge portion includes at least one wire to secure the apparatus about a crown of the tooth.

7. (previously presented) The apparatus of Claim 5, wherein said bridge portion includes means for covering an occlusal surface of a crown of the tooth.

8. (previously presented) The apparatus of Claim 4, wherein said attachment portion is at least partially formed of acrylic.

9. (previously presented) The apparatus of Claim 4, wherein said attachment portion removably secures said electrical transducer in contact with enamel of the tooth.

10. (previously presented) A method of stimulating the trigeminal nerve, said method comprising:

within a mouth, removably securing an energy source in proximity to a tooth;

imparting energy to enamel of the tooth to stimulate the trigeminal nerve utilizing the energy source; and

thereafter, automatically discontinuing impartation of energy to said enamel after a selected interval.

11. (previously presented) The method of Claim 10, wherein said energy source comprises a transducer, said method further comprising coupling the transducer to an time-varying signal source that provides an electrical signal to the transducer.

12. (original) The method of Claim 10, wherein said step of imparting energy to enamel of a tooth comprises imparting electromagnetic energy to the enamel of the tooth.

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (previously presented) The apparatus of Claim 19 , wherein said transducer comprises a wire coil.

19. (previously presented) An apparatus for intra-oral stimulation of the trigeminal nerve, said apparatus comprising:

a transducer that imparts energy to an oral tissue to stimulate the trigeminal nerve;

an oral appliance supporting said transducer;

a time-varying signal source coupled to said transducer to provide a time-varying electrical signal to said transducer; and

a metering device that automatically discontinues provision of said electrical signal to said transducer following provision of a selected quantum of said electrical signal.

20. (canceled)

21. (previously presented) The apparatus of Claim 19, wherein said oral appliance comprises a dental appliance.

22. (previously presented) The apparatus of Claim 19, wherein said metering device comprises a timing device.

23. (previously presented) The apparatus of Claim 19, wherein said time-varying signal source comprises an oscillator.

24. (previously presented) The apparatus of Claim 19, the oral appliance including an attachment portion for removably securing said transducer in proximity to a tooth.

25. (previously presented) The apparatus of Claim 24, said attachment portion comprising:

a first leg to which said transducer is attached;

a second leg; and

a bridge portion spanning a width of the tooth to link said first leg and said second leg.